

CLAIMS

Claims 1- 5 (Cancelled)

1. A wide-angled image display system for automobiles, comprising:
 - 5 a. A plurality of cameras mounted on the rear and both sides of an automobile;
 - b. A display monitor mounted on the inside of an automobile; and,
 - c. A control circuit with image distributor that receives the images from said cameras and generates a composite wide-angled image on said display monitor.
- 10 2. The display system of claim 1, wherein said display monitor is mounted and built into the center rearview mirror so that the images received from said cameras are projected and superimposed on the mirror surface of the center rearview mirror.
3. The display system of claim 2, wherein a recorder with sufficient memory capacity is employed to record the images taken in by said cameras.
- 15 4. The display system of claim 3, wherein a program logic is coded and loaded into a control unit inside said display system, so as to
 - a. transform images of larger vehicles rear into images of smaller vehicles in tandem, taking up the same length as the larger vehicles, before transmitting to said display monitor, when images of the larger vehicles appear from the two
 - 20 sides to the rear of current vehicle,
 - b. the transformation function of the larger image to smaller image is disabled when the front of that larger image is flush with the tail end of current vehicle, or if there is any portion of overlapping in the latitudinal direction.

5. The display system of claim 1, wherein said cameras are additionally mounted on motorized pivots that allows the view angles to turn along when triggered by the electrical turn signals of the automobiles.

5 **Claim 6. (new)** A wide-angled image display system for automobiles, comprising:

- a. A plurality of cameras mounted on the rear and both sides of an automobile;
- b. A display monitor mounted on the inside of an automobile into the center rearview mirror so that the images received from said cameras are projected and superimposed on the mirror surface of the center rearview mirror;
- 10 c. A control unit with image distributor that receives the images from said cameras and generates a composite wide-angled image on said display monitor; and,
- d. A set of program logic coded and loaded into the control unit, whereby said logic:
 - 15 i. transforms images of larger vehicles behind into images of smaller vehicles in tandem, taking up the same length as the larger vehicles, before transmitting to said display monitor, when images of the larger vehicles appear from the two sides to the rear of current vehicle.
 - ii. disables the transformation function of the larger image to smaller image
 - 20 when the front of that larger image is flush with the tail end of current vehicle, or if there is any portion of overlapping in the latitudinal direction.